

A transmission apparatus utilizing an SDH is provided. The transmission apparatus includes a processing unit controlling the transmission apparatus, an SSM extraction unit extracting a first SSM from an input signal, and a selector selecting either of the first SSM and a second SSM set by the processing unit. The transmission apparatus can add an incoming SSM function, for instance, to an external 2Mbps SSM function in addition to an assumed SSM function. Accordingly, the transmission apparatus can conform to the ITU-T G.781 Recommendation by utilizing a related-art synchronization function.

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